

A VEHICLE SEAT HAVING
A BACKREST LOCKING ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A vehicle seat assembly of the present invention includes a seat backrest, a seat bottom, and a backrest reclining assembly. The backrest reclining assembly has an axis of rotation and includes a base, a rotating latching mechanism, and a reclining arm. The reclining arm is mounted to the seat backrest, the rotating latching mechanism is mounted between the reclining arm and the base such that the reclining arm and the seat backrest may be selectively rotated relative to the base about the axis of rotation. A pivot arm is mounted to the base and has a pivot axis point disposed at a predetermined distance from the axis of rotation of the reclining assembly. A locking arm is rotatively mounted to the pivot arm about the axis of rotation of the reclining assembly. A support arm is mounted to the seat bottom and rotatively mounted to the pivot arm at the pivot axis point, such that the pivot arm and the seat backrest may be rotated about the pivot axis point between an upright position and a folded position. The support arm provides a first locking point such that when the pivot arm and the seat backrest are in the upright position the seat backrest is locked upright. The support arm further provides a second locking point such that when the pivot arm and the seat backrest are in the folded position the seat backrest is locked folded.